

may display the image in the original state in response to detecting a shaking motion to the right.

[0289] It will thus be appreciated that a user of a multi-display device may be able to control (e.g., via motion) when the multi-display device “splits” an image along a gap (thereby displaying the entire image in a distorted geometry) and when the multi-display device “hides” a portion of the image corresponding to the gap (thereby preserving the image geometry but not displaying the entire image). Thus, the user may simply make a quick motion to see text and shapes of the image that would otherwise not be displayed due to the gap. Furthermore, content providers may distribute such “oversized” content to users without having to worry about making sure that important information is not located in “gap regions” that may be hidden by multi-display devices.

[0290] Those of skill would further appreciate that the various illustrative logical blocks, configurations, modules, circuits, and algorithm steps described in connection with the embodiments disclosed herein may be implemented as electronic hardware, computer software, or combinations of both. Various illustrative components, blocks, configurations, modules, circuits, and steps have been described above generally in terms of their functionality. Whether such functionality is implemented as hardware or software depends upon the particular application and design constraints imposed on the overall system. Skilled artisans may implement the described functionality in varying ways for each particular application, but such implementation decisions should not be interpreted as causing a departure from the scope of the present disclosure.

[0291] The steps of a method or algorithm described in connection with the embodiments disclosed herein may be embodied directly in hardware, in a software module executed by a processor, or in a combination of the two. A software module may reside in a tangible storage medium such as a random access memory (RAM), flash memory, read-only memory (ROM), programmable read-only memory (PROM), erasable programmable read-only memory (EPROM), electrically erasable programmable read-only memory (EEPROM), registers, hard disk, a removable disk, a compact disc read-only memory (CD-ROM), or any other form of tangible storage medium known in the art. An exemplary storage medium is coupled to the processor such that the processor can read information from, and write information to, the storage medium. In the alternative, the storage medium may be integral to the processor. The processor and the storage medium may reside in an application-specific integrated circuit (ASIC). The ASIC may reside in a computing device or a user terminal. In the alternative, the processor and the storage medium may reside as discrete components in a computing device or user terminal.

[0292] The previous description of the disclosed embodiments is provided to enable any person skilled in the art to make or use the disclosed embodiments. Various modifications to these embodiments will be readily apparent to those skilled in the art, and the principles defined herein may be applied to other embodiments without departing from the scope of the disclosure. Thus, the present disclosure is not intended to be limited to the embodiments shown herein but is to be accorded the widest scope possible consistent with the principles and novel features as defined by the following claims.

1. A device comprising:

a first hinge coupled to a first panel and coupled to a second panel, wherein the first panel includes a first display surface and wherein the second panel includes a second display surface;

a second hinge coupled to the second panel and coupled to a third panel that includes a third display surface;

a sensor coupled to the first hinge to detect a relative orientation of the first panel to the second panel; and

a processor responsive to the sensor to detect a device configuration, the processor configured to adjust a user interface displayed at the first display surface, the second display surface, and the third display surface based on the detected device configuration.

2. The device of claim 1, wherein the first hinge is detented to enable a stable extended configuration, a stable folded configuration, and a stable intermediate configuration of the first panel relative to the second panel.

3. The device of claim 2, wherein the second hinge is detented to enable a stable extended configuration, a stable folded configuration, and a stable intermediate configuration of the second panel relative to the third panel.

4. The device of claim 2, wherein the first hinge is ball detented.

5. The device of claim 2, wherein the first hinge is spring-biased to enable separation of the panels during repositioning of the first panel and the second panel from a first configuration to a second configuration and to reduce a gap between the first panel and the second panel when the device is in the second configuration.

6. The device of claim 1, wherein the sensor includes at least one of a Hall sensor, an optical sensor, or an inductive sensor.

7. The device of claim 1, wherein the processor is further configured to execute a software application having at least three predetermined operating modes corresponding to at least three predetermined device configurations, and wherein the processor is adapted to adjust an operating mode of the software application based on the detected device configuration.

8. The device of claim 1, further comprising a second sensor coupled to the second hinge to detect a relative orientation of the second panel to the third panel, wherein the processor is further responsive to the second sensor to detect the device configuration.

9. The device of claim 8, wherein in the detected device configuration the first display surface, the second display surface, and the third display surface are configured to emulate a single screen having a landscape orientation.

10. The device of claim 8, wherein in the detected device configuration the first display surface is active, the second display surface is inactive, and the third display surface is inactive.

11. The device of claim 8, wherein in the detected device configuration a keyboard is displayed at the third display surface and the first display surface and the second display surface are configured to emulate a single screen having a portrait orientation.

12. A computer readable medium storing computer executable code comprising:

code for detecting a device configuration responsive to a first sensor and a second sensor of a device, the device comprising: